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TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * * * * * * Welcome to STN International * * * * * * * * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
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NEWS 3 JUL 20 Powerful new interactive analysis and visualization software,
STN AnaVist, now available
NEWS 4 AUG 11 STN AnaVist workshops to be held in North America
NEWS 5 AUG 30 CA/CAPLUS - Increased access to 19th century research documents
NEWS 6 AUG 30 CASREACT - Enhanced with displayable reaction conditions
NEWS 7 SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY
NEWS 8 OCT 03 MATHDI removed from STN
NEWS 9 OCT 04 CA/CAPLUS-Canadian Intellectual Property Office (CIPO) added
to core patent offices
NEWS 10 OCT 06 STN AnaVist workshops to be held in North America
NEWS 11 OCT 13 New CAS Information Use Policies Effective October 17, 2005

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0JC(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

| | |
|--------------|---|
| NEWS HOURS . | STN Operating Hours Plus Help Desk Availability |
| NEWS INTER | General Internet Information |
| NEWS LOGIN | Welcome Banner and News Items |
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FILE 'HOME' ENTERED AT 12:04:37 ON 14 OCT 2005

=> file ca,biosis,medline

COST IN U.S. DOLLARS

| | |
|-----------------------------|--------------------------|
| SINCE FILE ENTRY 0.21 | TOTAL SESSION 0.21 |
|-----------------------------|--------------------------|

FILE 'CA' ENTERED AT 12:05:06 ON 14 OCT 2005

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FILE 'BIOSIS' ENTERED AT 12:05:06 ON 14 OCT 2005

Copyright (c) 2005 The Thomson Corporation

FILE 'MEDLINE' ENTERED AT 12:05:06 ON 14 OCT 2005

=> thrombin?
THROMBIN? IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s thrombin?
L1 101514 THROMBIN?

=> s calcium?
L2 1484960 CALCIUM?

=> s (organic acid) or (formic acid) or (acetic acid) or (propionic acid) or (butyric acid) or (valeric acid) or (oxalic acid) or (malonic acid) or (succinic acid) or (gluconic acid) or (lactic acid) or (glucuronic acid) or (glycolic acid) or (tartaric acid) or (malic acid) or (citric acid)
L3 691750 (ORGANIC ACID) OR (FORMIC ACID) OR (ACETIC ACID) OR (PROPIONIC ACID) OR (BUTYRIC ACID) OR (VALERIC ACID) OR (OXALIC ACID) OR (MALONIC ACID) OR (SUCCINIC ACID) OR (GLUCONIC ACID) OR (LACTIC ACID) OR (GLUCURONIC ACID) OR (GLYCOLIC ACID) OR (TARTARIC ACID) OR (MALIC ACID) OR (CITRIC ACID)

=> s (glutaric acid) or (aminoacetic acid) or (aminocaproic acid)
L4 20260 (GLUTARIC ACID) OR (AMINOACETIC ACID) OR (AMINOCAPROIC ACID)

=> s l3 or l4
L5 705406 L3 OR L4

=> s (non-ionic surfactant) or (octyl glucoside) or (peptyl thioglucoside) or (decanoyle-N-methylglucamide) or (polyoxyethylene dodecyl ether) or (polyoxyethylene heptamethylhexyl ether) or (polyoxyethylene isoctylphenyl ether) or triton or (polyoxyethylene nonylphenyl ether)
L6 80328 (NON-IONIC SURFACTANT) OR (OCTYL GLUCOSIDE) OR (PEPTYL THIOGLUCOSIDE) OR (DECANOYL-N-METHYLGLUCAMIDE) OR (POLYOXYETHYLENE DODECYL ETHER) OR (POLYOXYETHYLENE HEPTAMETHYLHEXYL ETHER) OR (POLYOXYETHYLENE ISOCTYLPHENYL ETHER) OR TRITON OR (POLYOXYETHYLENE NONYLPHENYL ETHER)

=> s (polyoxyethylene fatty acid ester) or (sucrose fatty acid ester) or (polyoxyethylene sorbitol ester) or tween
L7 27280 (POLYOXYETHYLENE FATTY ACID ESTER) OR (SUCROSE FATTY ACID ESTER) OR (POLYOXYETHYLENE SORBITOL ESTER) OR TWEEN

=> s 16 or 17
L8 104524 L6 OR L7

=> d his

(FILE 'HOME' ENTERED AT 12:04:37 ON 14 OCT 2005)

FILE 'CA, BIOSIS, MEDLINE' ENTERED AT 12:05:06 ON 14 OCT 2005

L1 101514 S THROMBIN?
L2 1484960 S CALCIUM?
L3 691750 S (ORGANIC ACID) OR (FORMIC ACID) OR (ACETIC ACID) OR (PROPIONIC ACID)
L4 20260 S (GLUTARIC ACID) OR (AMINOACETIC ACID) OR (AMINOCAPROIC ACID)
L5 705406 S L3 OR L4
L6 80328 S (NON-IONIC SURFACTANT) OR (OCTYL GLUCOSIDE) OR (PEPTYL THIOGLUCOSIDE)
L7 27280 S (POLYOXYETHYLENE FATTY ACID ESTER) OR (SUCROSE FATTY ACID ESTER)
L8 104524 S L6 OR L7

=> s 11 and 12 and 15 and 17
L9 1 L1 AND L2 AND L5 AND L7

=> d ab,bib

L9 ANSWER 1 OF 1 CA COPYRIGHT 2005 ACS on STN
AB Means and compns. for stabilizing **thrombin** and achieving a high assay reproducibility, are claimed. Addition of **calcium** ion,

surfactants and proteins, complemented with a water-soluble organic acid is further employed; compns. containing the thus stabilized **thrombin**; and **thrombin**-containing compns. showing an extremely high stability of **thrombin** and an of a test substance with the. Use of a high-mol. weight polysaccharides and synthetic polymers for attaining extremely high assay reproducibility is claimed. Use of **calcium lactate**, **acetic acid**, polyvinyl alc. 205, polyvinyl alc. 500, polyvinyl alc. 1500, dextran 40, dextran 70, dextran 200, **Tween** 80, bovine serum albumin (BSA), water-sol gelatin, is described.

AN 134:262853 CA
TI **Thrombin** stabilization with **calcium** ion, surfactants, and proteins
IN Okuda, Masahiro; Kikukawa, Norihiro
PA International Reagents Corporation, Japan
SO PCT Int. Appl., 22 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|--|----------|
| PI | WO 2001023536 | A1 | 20010405 | WO 2000-JP6513 | 20000922 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | |
| | AU 2000073203 | A5 | 20010430 | AU 2000-73203 | 20000922 |
| | EP 1221479 | A1 | 20020710 | EP 2000-961196 | 20000922 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL | | | | |
| PRAI | JP 1999-272092 | A | 19990927 | | |
| | JP 2000-212924 | A | 20000713 | | |
| | WO 2000-JP6513 | W | 20000922 | | |

RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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(FILE 'HOME' ENTERED AT 12:04:37 ON 14 OCT 2005)

FILE 'CA, BIOSIS, MEDLINE' ENTERED AT 12:05:06 ON 14 OCT 2005

L1 101514 S THROMBIN?
L2 1484960 S CALCIUM?
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L4 20260 S (GLUTARIC ACID) OR (AMINOACETIC ACID) OR (AMINOCAPROIC ACID)
L5 705406 S L3 OR L4
L6 80328 S (NON-IONIC SURFACTANT) OR (OCTYL GLUCOSIDE) OR (PEPTYL THIOGL
L7 27280 S (POLYOXYETHYLENE FATTY ACID ESTER) OR (SUCROSE FATTY ACID EST
L8 104524 S L6 OR L7
L9 1 S L1 AND L2 AND L5 AND L7

=> s l1 and l2 and l5 and l8
L10 1 L1 AND L2 AND L5 AND L8

=> d

L10 ANSWER 1 OF 1 CA COPYRIGHT 2005 ACS on STN

AN 134:262853 CA

TI **Thrombin** stabilization with **calcium** ion, surfactants, and proteins

IN Okuda, Masahiro; Kikukawa, Norihiro

PA International Reagents Corporation, Japan

SO PCT Int. Appl., 22 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--------|--|---|----------|-----------------|----------|
| PI | WO 2001023536 | A1 | 20010405 | WO 2000-JP6513 | 20000922 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| | AU 2000073203 | A5 | 20010430 | AU 2000-73203 | 20000922 |
| | EP 1221479 | A1 | 20020710 | EP 2000-961196 | 20000922 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL | | | | |
| PRAI | JP 1999-272092 | A | 19990927 | | |
| | JP 2000-212924 | A | 20000713 | | |
| | WO 2000-JP6513 | W | 20000922 | | |
| RE.CNT | 37 | THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT | | | |

=> d his

(FILE 'HOME' ENTERED AT 12:04:37 ON 14 OCT 2005)

FILE 'CA, BIOSIS, MEDLINE' ENTERED AT 12:05:06 ON 14 OCT 2005

L1 101514 S THROMBIN?
L2 1484960 S CALCIUM?
L3 691750 S (ORGANIC ACID) OR (FORMIC ACID) OR (ACETIC ACID) OR (PROPIONI
L4 20260 S (GLUTARIC ACID) OR (AMINOACETIC ACID) OR (AMINOCAPROIC ACID)
L5 705406 S L3 OR L4
L6 80328 S (NON-IONIC SURFACTANT) OR (OCTYL GLUCOSIDE) OR (PEPTYL THIOGL
L7 27280 S (POLYOXYETHYLENE FATTY ACID ESTER) OR (SUCROSE FATTY ACID EST
L8 104524 S L6 OR L7
L9 1 S L1 AND L2 AND L5 AND L7
L10 1 S L1 AND L2 AND L5 AND L8

Refine Search

Search Results -

| Term | Documents |
|--|-----------|
| NONIONIC | 133246 |
| NONIONICS | 3796 |
| SURFACTANT | 269605 |
| SURFACTANTS | 179659 |
| OCTYL | 126472 |
| OCTYLS | 462 |
| GLUCOSIDE | 12958 |
| GLUCOSIDES | 4700 |
| PEPTYL | 43 |
| PEPTYLS | 0 |
| THIOGLUCOSIDASE | 71 |
| (NONIONIC SURFACTANT OR OCTYL GLUCOSIDE OR PEPTYL THIOGLUCOSIDASE OR DECANOYL-N- METHYLGLUCAMIDE OR POLYOXYETHYLENE DODECYL ETHER OR POLYOXYETHYLENE HEPTAMETHYLHEXYL ETHER OR POLYOXYETHYLENE ISOOCPTYLPHEMYL ETHER OR TRITON OR POLYOXYETHYLENE NYNLPHENYL ETHER OR POLYOXYETHYLENE FATTY ACID ESTER OR SUCOSE FATTY ACID ESTER OR POLYOXYETHYLENE SORBITOL ESTER OR TWEEN).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD. | 533365 |

[There are more results than shown above. Click here to view the entire set.](#)

Database:

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Search:

| | |
|---|--|
| <input style="width: 100%; height: 30px; border: 1px solid black; padding: 2px; font-size: 0.8em;" type="text" value="L7"/> | <input style="width: 30px; height: 30px; border: 1px solid black; margin-right: 5px; vertical-align: middle; cursor: pointer;" type="button"/> <input style="width: 30px; height: 30px; border: 1px solid black; margin-right: 5px; vertical-align: middle; cursor: pointer;" type="button"/> |
|---|--|

Search History

DATE: Friday, October 14, 2005 [Printable Copy](#) [Create Case](#)

| <u>Set</u> | <u>Name</u> | <u>Query</u> | <u>Hit Count</u> | <u>Set Name</u> |
|------------|---------------------|--|------------------|-------------------|
| | <u>side by side</u> | | | <u>result set</u> |
| | | <i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i> | | |
| | | nonionic surfactant or octyl glucoside or peptyl thioglucosidase or decanoyl-N-methylglucamide or polyoxyethylene dodecyl ether or polyoxyethylene | | |
| <u>L7</u> | | heptamethylhexyl ether or polyoxyethylene iosoctylphemyl ether or triton or polyoxyethylene nonylphenyl ether or polyoxyethylene fatty acid ester or sucose fatty acid ester or polyoxyethylene sorbitol ester or tween | 533365 | <u>L7</u> |
| <u>L6</u> | | l1 same l2 same l3 same l4 | 0 | <u>L6</u> |
| <u>L5</u> | | l1 and l2 and l3 and l4 | 4419 | <u>L5</u> |
| <u>L4</u> | | calcium | 597239 | <u>L4</u> |
| | | nonionic surfactant or octyl glucoside or peptyl thioglucosidase or decanoyl-N-methylglucamide or polyoxyethylene dodecyl ether or polyoxyethylene | | |
| <u>L3</u> | | heptamethylhexyl ether or polyoxyethylene iosoctylphemyl ether or triton or polyoxyethylene nonylphenyl ether or polyoxyethylene fatty acid ester or sucose fatty aci ester or polyoxyethylene sorbitol ester or tween | 533365 | <u>L3</u> |
| <u>L2</u> | | organic acid or formic acid or acetic acid or propionic acid or butyric acid or valeric acid or oxalic acid or malonic acid or succinic acid or gluconic acid or lactic acid or glucuronic acid or glycolic acid or tartaric acid or malic acid or citric acid or glutaric acid or aminoacetic acid or aminocaproic acid | 637251 | <u>L2</u> |
| <u>L1</u> | | thrombin | 26834 | <u>L1</u> |

END OF SEARCH HISTORY

Searches for User *mmeller* (Count = 8002)

Queries 7953 through 8002.

| S # | Updt | Database | Query | Time | Comment |
|--------------|----------|------------------------------------|---|------------|----------|
| <u>S8002</u> | <u>U</u> | USPT | 4395398.pn. | 2005-10-14 | 14:08:32 |
| <u>S8001</u> | <u>U</u> | USPT | 4330551.pn. | 2005-10-14 | 14:07:56 |
| <u>S8000</u> | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD | (physical injury) same (non-ionic surfactant or octyl glucoside or peptyl thioglucoside or decanoyl-N-methylglucamide or polyoxyethylene dodecyl ether or polyoxyethylene heptamethylhexyl ether or polyoxyethylene iooctylphenyl ether or triton or polyoxyethylene nonylphenyl ether or polyoxyethylene fatty acid ester or sucrose fatty acid ester or polyoxyethylene sorbiol ester or tween) | 2005-10-14 | 14:05:54 |
| <u>S7999</u> | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD | physical injury | 2005-10-14 | |

| | | | |
|-------|----------|---|--|
| S7998 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD(organ or tissue) same (heal\$6) same (non-ionic surfactant or octyl glucoside or peptyl thioglucoside or decanoyl-N-methylglucamide or polyoxyethylene dodecyl ether or polyoxyethylene heptamethylhexyl ether or polyoxyethylene iooctylphenyl ether or triton or polyoxyethylene nonylphenyl ether or polyoxyethylene fatty acid ester or sucrose fatty acid ester or polyoxyethylene sorbiol ester or tween) | 14:05:44 2005- 10-14 14:03:34 |
| S7997 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD organ or tissue | 2005- 10-14 14:03:18 |
| S7996 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD heal\$6 | 2005- 10-14 14:03:01 |
| S7995 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD(tumor) same (non-ionic surfactant or octyl glucoside or peptyl thioglucoside or decanoyl-N-methylglucamide or polyoxyethylene dodecyl ether or polyoxyethylene heptamethylhexyl ether or | 2005- 10-14 14:01:03 |

polyoxyethylene
ioctylphenyl
ether or triton or
polyoxyethylene
nonylphenyl ether
or
polyoxyethylene
fatty acid ester or
sucrose fatty acid
ester or
polyoxyethylene
sorbitol ester or
tween)

| | | | |
|-------|----------|--|---|
| S7994 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD tumor | 2005- 10-14 14:00:51 |
| S7993 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (injured tissue) | 2005- same (non-ionic 10-14 surfactant or octyl 14:00:01 glucoside or peptyl thioglucoside or decanoyle-N- methylglucamide or polyoxyethylene dodecyl ether or polyoxyethylene heptamethylhexyl ether or polyoxyethylene ioctylphenyl ether or triton or polyoxyethylene nonylphenyl ether or polyoxyethylene fatty acid ester or sucrose fatty acid ester or polyoxyethylene sorbitol ester or tween) |
| S7992 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD injured tissue | 2005- 10-14 13:59:48 |
| S7991 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD ured tissueL30 | 2005- 10-14 13:59:40 |

| | | | |
|-------|---|--|----------------------------|
| S7990 | U | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD tumor | 2005- 10-14 13:59:28 |
| S7989 | U | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (injury) same (non-ionic surfactant or octyl glucoside or peptyl thioglucoside or decanoyle-N- methylglucamide or polyoxyethylene dodecyl ether or polyoxyethylene heptamethylhexyl ether or polyoxyethylene iooctylphenyl ether or triton or polyoxyethylene nonylphenyl ether or polyoxyethylene fatty acid ester or sucrose fatty acid ester or polyoxyethylene sorbitol ester or tween) | 2005- 10-14 13:58:05 |
| S7988 | U | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD injury | 2005- 10-14 13:57:45 |
| S7987 | U | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD bioactivating agent | 2005- 10-14 13:56:39 |
| S7986 | U | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (fibrin glue) same (non-ionic surfactant or octyl glucoside or peptyl thioglucoside or decanoyle-N- methylglucamide or polyoxyethylene dodecyl ether or polyoxyethylene heptamethylhexyl | 2005- 10-14 13:46:12 |

ether or
polyoxyethylene
ioctylphenyl
ether or triton or
polyoxyethylene
nonylphenyl ether
or
polyoxyethylene
fatty acid ester or
sucrose fatty acid
ester or
polyoxyethylene
sorbitol ester or
tween)

S7985 U PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD(fibrin glue) and 2005-
(non-ionic 10-14
surfactant or octyl 13:46:06
glucoside or

peptyl
thioglucoside or
decanoyle-N-
methylglucamide
or
polyoxyethylene
dodecyl ether or
polyoxyethylene
heptamethylhexyl
ether or
polyoxyethylene
ioctylphenyl
ether or triton or
polyoxyethylene
nonylphenyl ether
or
polyoxyethylene
fatty acid ester or
sucrose fatty acid
ester or
polyoxyethylene
sorbitol ester or
tween)

S7984 U PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD(fibrin glue) same 2005-
(organic acid or 10-14
formic acid or 13:45:02
acetic acid or
propionic acid or
butyric acid or
valeric acid or
oxalic acid or
malonic acid

| | | | |
|-------|----------|---|--|
| | | | succinic acid or gluconic acid or lactic acid or glucuronic acid or tartaric acid or malic acid or citric acid or glutaric acid or aminoacetic acid or aminocaproic acid) |
| S7983 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD(fibrin glue) and (organic acid or formic acid or acetic acid or propionic acid or butyric acid or valeric acid or oxalic acid or malonic acid succinic acid or gluconic acid or lactic acid or glucuronic acid or tartaric acid or malic acid or citric acid or glutaric acid or aminoacetic acid or aminocaproic acid) | 2005- 10-14 13:44:50 |
| S7982 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD fibrin glue | 2005- 10-14 13:44:37 |
| S7981 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD(6410260.pn.) and (non-ionic surfactant or octyl glucoside or peptyl thioglucoside or decanoyl-N- methylglucamide or polyoxyethylene dodecyl ether or polyoxyethylene heptamethylhexyl ether or polyoxyethylene ioctylphenyl | 2005- 10-14 13:38:13 |

| | | | |
|-------|----------|--|---|
| | | ether or triton or polyoxyethylene nonylphenyl ether or polyoxyethylene fatty acid ester or sucrose fatty acid ester or polyoxyethylene sorbitol ester or tween) | |
| S7980 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD 6410260.pn. | 2005- 10-14 13:38:02 |
| S7979 | <u>U</u> | USPT | US-6410260- B1.did. 2005- 10-14 13:37:33 |
| S7978 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (calcium same thrombin same organic acid or formic acid or acetic acid or propionic acid or butyric acid or valeric acid or oxalic acid or malonic acid succinic acid or gluconic acid or lactic acid or glucuronic acid or tartaric acid or malic acid or citric acid or glutaric acid or aminoacetic acid or aminocaproic acid) and (non- ionic surfactant or octyl glucoside or peptyl thioglucoside or decanoyl-N- methylglucamide or polyoxyethylene dodecyl ether or polyoxyethylene heptamethylhexyl ether or | 2005- 10-14 13:28:46 |

| | | | |
|-------|----------|--|--|
| | | | polyoxyethylene ioctylphenyl ether or triton or polyoxyethylene nonylphenyl ether or polyoxyethylene fatty acid ester or sucrose fatty acid ester or polyoxyethylene sorbitol ester or tween) |
| S7977 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (calcium same thrombin) same (organic acid or formic acid or acetic acid or propionic acid or butyric acid or valeric acid or oxalic acid or malonic acid succinic acid or gluconic acid or lactic acid or glucuronic acid or tartaric acid or malic acid or citric acid or glutaric acid or aminoacetic acid or aminocaproic acid) | 2005- 10-14 13:28:34 |
| S7976 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (calcium) same (thrombin) | 2005- 10-14 13:28:20 |
| S7975 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD calcium | 2005- 10-14 13:28:03 |
| S7974 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD thrombin | 2005- 10-14 13:27:56 |
| S7973 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (organic acid or formic acid or acetic acid or propionic acid or butyric acid or valeric acid or | 2005- 10-14 13:27:39 |

oxalic acid or
malonic acid
succinic acid or
gluconic acid or
lactic acid or
glucuronic acid or
tartaric acid or
malic acid or citric
acid or glutaric
acid or
aminoacetic acid
or aminocaproic
acid) same (non-
ionic surfactant or
octyl glucoside or
peptyl
thioglucoside or
decanoyle-N-
methylglucamide
or
polyoxyethylene
dodecyl ether or
polyoxyethylene
heptamethylhexyl
ether or
polyoxyethylene
iooctylphenyl
ether or triton or
polyoxyethylene
nonylphenyl ether
or
polyoxyethylene
fatty acid ester or
sucrose fatty acid
ester or
polyoxyethylene
sorbitol ester or
tween)

S7972 U PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD organic acid or 2005-
formic acid or 10-14
acetic acid or 13:26:48
propionic acid or
butyric acid or
valeric acid or
oxalic acid or
malonic acid
succinic acid or
gluconic acid or
lactic acid or
glucuronic acid or

tartaric acid or
malic acid or citric
acid or glutaric
acid or
aminoacetic acid
or aminocaproic
acid

S7971 U PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (hemostatic) same 2005-
(non-ionic 10-14
surfactant or octyl 13:19:26
glucoside or
peptyl
thioglucoside or
decanoyl-N-
methylglucamide
or
polyoxyethylene
dodecyl ether or
polyoxyethylene
heptamethylhexyl
ether or
polyoxyethylene
iooctylphenyl
ether or triton or
polyoxyethylene
nonylphenyl ether
or
polyoxyethylene
fatty acid ester or
sucrose fatty acid
ester or
polyoxyethylene
sorbitol ester or
tween)

S7970 U PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD hemostatic 2005-
10-14
13:19:06

S7969 U PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (coagulation) 2005-
same (non-ionic 10-14
surfactant or octyl 13:12:08
glucoside or
peptyl
thioglucoside or
decanoyl-N-
methylglucamide
or
polyoxyethylene
dodecyl ether or
polyoxyethylene
heptamethylhexyl

| | | | |
|-------|----------|--|----------------------------|
| | | ether or polyoxyethylene iooctylphenyl ether or triton or polyoxyethylene nonylphenyl ether or polyoxyethylene fatty acid ester or sucrose fatty acid ester or polyoxyethylene sorbitol ester or tween) | |
| S7968 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD coagulation | 2005- 10-14 13:11:56 |
| S7967 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (non-ionic surfactant or octyl glucoside or peptyl thioglucoside or decanoyl-N- methylglucamide or polyoxyethylene dodecyl ether or polyoxyethylene heptamethylhexyl ether or polyoxyethylene iooctylphenyl ether or triton or polyoxyethylene nonylphenyl ether or polyoxyethylene fatty acid ester or sucrose fatty acid ester or polyoxyethylene sorbitol ester or tween) same (hemostatic solution or coagula\$6) | 2005- 10-14 13:07:46 |
| S7966 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD non-ionic surfactant or octyl glucoside or peptyl | 2005- 10-14 13:07:08 |

| | | | |
|-------|---|--|--|
| | | | thioglucoside or decanoyl-N- methylglucamide or polyoxyethylene dodecyl ether or polyoxyethylene heptamethylhexyl ether or polyoxyethylene ioctylphenyl ether or triton or polyoxyethylene nonylphenyl ether or polyoxyethylene fatty acid ester or sucrose fatty acid ester or polyoxyethylene sorbitol ester or tween |
| S7965 | U | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (hemostatic solution or coagula\$6) same (surfactant) | 2005- 10-14 13:03:57 |
| S7964 | U | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD surfactant | 2005- 10-14 13:03:40 |
| S7963 | U | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (hemostatic solution) or (coagula\$6) | 2005- 10-14 13:02:53 |
| S7962 | U | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD coagula\$6 | 2005- 10-14 13:02:21 |
| S7961 | U | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD hemostatic solution | 2005- 10-14 13:01:07 |
| S7960 | U | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD nonionic surfactant or octyl glucoside or peptyl thioglucosidase or decanoyl-N- methylglucamide or polyoxyethylene dodecyl ether or polyoxyethylene | 2005- 10-14 11:47:54 |

heptamethylhexyl
ether or
polyoxyethylene
isoctylphemyl
ether or triton or
polyoxyethylene
nonylphenyl ether
or
polyoxyethylene
fatty acid ester or
sucose fatty acid
ester or
polyoxyethylene
sorbitol ester or
tween

S7959 U PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (thrombin) same 2005-
(organic acid or 10-14
formic acid or 11:47:08
acetic acid or
propionic acid or
butyric acid or
valeric acid or
oxalic acid or
malonic acid or
succinic acid or
gluconic acid or
lactic acid or
glucuronic acid or
glycolic acid or
tartaric acid or
malic acid or citric
acid or glutaric
acid or
aminoacetic acid
or aminocaproic
acid) same
(nonionic
surfactant or octyl
glucoside or
peptyl
thioglucosidase or
decanoyl-N-
methylglucamide
or
polyoxyethylene
dodecyl ether or
polyoxyethylene
heptamethylhexyl
ether or
polyoxyethylene

iosooctylphemyl
ether or triton or
polyoxyethylene
nonylphenyl ether
or
polyoxyethylene
fatty acid ester or
sucose fatty aci
ester or
polyoxyethylene
sorbitol ester or
tween) same
(calcium)

S7958 U PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD(thrombin) and 2005-
(organic acid or 10-14
formic acid or 11:46:56

acetic acid or
propionic acid or
butyric acid or
valeric acid or
oxalic acid or
malonic acid or
succinic acid or
gluconic acid or
lactic acid or
glucuronic acid or
glycolic acid or
tartaric acid or
malic acid or citric
acid or glutaric
acid or
aminoacetic acid
or aminocaproic
acid) and
(nonionic
surfactant or octyl
glucoside or
peptyl
thioglucosidase or
decanoyl-N-
methylglucamide
or
polyoxyethylene
dodecyl ether or
polyoxyethylene
heptamethylhexyl
ether or
polyoxyethylene
iosooctylphemyl
ether or triton or

| | | | |
|-------|----------|--|----------------------------|
| | | polyoxyethylene nonylphenyl ether or polyoxyethylene fatty acid ester or sucose fatty aci ester or polyoxyethylene sorbitol ester or tween) and (calcium) | |
| S7957 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD calcium | 2005- 10-14 11:46:43 |
| S7956 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD nonionic surfactant or octyl glucoside or peptyl thioglucosidase or decanoyl-N-methylglucamide or polyoxyethylene dodecyl ether or polyoxyethylene heptamethylhexyl ether or polyoxyethylene iosoctylphemyl ether or triton or polyoxyethylene nonylphenyl ether or polyoxyethylene fatty acid ester or sucose fatty aci ester or polyoxyethylene sorbitol ester or tween | 2005- 10-14 11:45:59 |
| S7955 | <u>U</u> | PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD organic acid or formic acid or acetic acid or propionic acid or butyric acid or valeric acid or oxalic acid or malonic acid or succinic acid or gluconic acid or | 2005- 10-14 11:27:31 |

lactic acid or
glucuronic acid or
glycolic acid or
tartaric acid or
malic acid or citric
acid or glutaric
acid or
aminoacetic acid
or aminocaproic
acid

S7954 U PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD thrombin 2005-
10-14
11:25:43

S7953 U PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD (coat\$6 same 2005-
methylcellulose or 10-06
methyl cellulose 13:52:40
or methyl
cellulose) same
(polyphenol or
green tea)

| | |
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